

Abstract

A film-like materials of resin manufacturing method for producing a film-like material made of a resin by rolling a thermoplastic resin material containing a thermoplastic resin using a molding apparatus comprising first rotation molding members composed of a pair of rollers, wherein the method is characterized in that the rotation molding is carried out under the conditions satisfying the following inequalities of the line contact pressure P (kN/m) applied to the thermoplastic resin, the peripheral velocity R (m/sec) of the rollers of the first rotation molding members, and the thickness H (m) of the film-like material made of the resin after rolling. (formula 1) $3 \times 9.8 \leq P$ (formula 2) $3 \times 9.8 \times 10^{-6} \leq P/(R/H^2) \leq 2 \times 9.8 \times 10^{-5}$, wherein the reference character P denotes the line contact pressure P (kN/m), the reference character R denotes the peripheral velocity (m/sec) of the rotation molding members, and the reference character H denotes the thickness (m) of the film-like material made of the resin after rolling.